

Undergraduate Unofficial Transcript

Name: Ruiz Nowell, Eliseo Nathanael
 Student ID: 20667926
 Ontario Education Nbr: 224106427

Degrees Awarded

Degree: Bachelor of Applied Science
 Confer Date: 06/07/2021
 Degree Honours: With Distinction
 Degree Honours: Dean's Honours List
 Computer Engineering, Honours, Co-operative Program
 Artificial Intelligence Option

Beginning of Undergraduate Record

Fall 2016

Program: Computer Engineering, Honours, Co-operative Program
 Level: 1A Load: Full-Time Form Of Study: Enrolment

Course	Description	Attempted	Earned	Grade
CHE 102	Chemistry for Engineers	0.50	0.50	80
ECE 100A	Electrical and Computer Engineering Practice <i>Degree Requirement, Not in Avg, Not in Fail Count</i>	0.20	0.20	94
ECE 105	Physics of Electrical Engineering 1	0.50	0.50	86
ECE 140	Linear Circuits	0.50	0.50	88
ECE 150	Fundamentals of Programming	0.50	0.50	89
MATH 117	Calculus 1 for Engineering	0.50	0.50	68
		<u>In GPA</u>	<u>Earned</u>	
Term GPA	82.20 Term Totals	2.70	2.70	
Cumulative GPA	82.20 Cumulative Totals	2.50	2.70	

Academic Standing: Excellent standing Effective 12/31/2016

Winter 2017

Program: Computer Engineering, Honours, Co-operative Program
 Level: 1A Load: Part-Time Form Of Study: Co-op Work Term

Course	Description	Attempted	Earned	Grade
COOP 1	Co-operative Work Term	0.50	0.00	CR
PD 20	Engineering Workplace Skills I: Developing Reasoned Conclusions	0.50	0.50	CR
		<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00 Term Totals	1.00	0.50	
Cumulative GPA	82.20 Cumulative Totals	2.50	3.20	

Spring 2017

Program: Computer Engineering, Honours, Co-operative Program
 Level: 1B Load: Full-Time Form Of Study: Enrolment

Course	Description	Attempted	Earned	Grade
ECE 100B	Electrical and Computer Engineering Practice <i>Degree Requirement, Not in Avg, Not in Fail Count</i>	0.20	0.20	CR
ECE 103	Discrete Mathematics	0.50	0.50	85
ECE 106	Physics of Electrical Engineering 2	0.50	0.50	89
ECE 124	Digital Circuits and Systems	0.50	0.50	87
ECE 155	Engineering Design with Embedded Systems	0.50	0.50	96
MATH 119	Calculus 2 for Engineering	0.50	0.50	87
		<u>In GPA</u>	<u>Earned</u>	
Term GPA	88.80 Term Totals	2.70	2.70	
Cumulative GPA	85.50 Cumulative Totals	5.00	5.90	

Academic Standing: Excellent standing Effective 08/31/2017

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Fall 2017

Program: Computer Engineering, Honours, Co-operative Program
 Level: 1B Load: Part-Time Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	2	Co-operative Work Term	0.50	0.00	CR
PD	21	Engineering Workplace Skills II: Developing Effective Plans	0.50	0.50	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		0.00 Term Totals	1.00	0.50	
Cumulative GPA		85.50 Cumulative Totals	5.00	6.40	

Winter 2018

Program: Computer Engineering, Honours, Co-operative Program
 Level: 2A Load: Full-Time Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
ECE	200A	Electrical and Computer Engineering Practice <i>Degree Requirement, Not in Avg, Not in Fail Count</i>	0.10	0.10	CR
ECE	204A	Numerical Methods 1	0.25	0.25	97
ECE	205	Advanced Calculus 1 for Electrical and Computer Engineers	0.50	0.50	86
ECE	222	Digital Computers	0.50	0.50	94
ECE	240	Electronic Circuits 1	0.50	0.50	83
ECE	250	Algorithms and Data Structures	0.50	0.50	94
ECE	290	Engineering Profession, Ethics, and Law	0.50	0.50	84
MATH	215	Linear Algebra for Engineering	0.50	0.50	88
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		88.85 Term Totals	3.35	3.35	
Cumulative GPA		86.82 Cumulative Totals	8.25	9.75	
Academic Standing: Excellent standing Effective 05/18/2018					
Term Honours: Term Dean's Honours List					

Spring 2018

Program: Computer Engineering, Honours, Co-operative Program
 Level: 2A Load: Part-Time Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	3	Co-operative Work Term	0.50	0.00	CR
PD	10	Professional Responsibility in Computing	0.50	0.50	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		0.00 Term Totals	1.00	0.50	
Cumulative GPA		86.82 Cumulative Totals	8.25	10.25	

Fall 2018

Program: Computer Engineering, Honours, Co-operative Program
 Level: 2B Load: Full-Time Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
ECE	200B	Electrical and Computer Engineering Practice <i>Degree Requirement, Not in Avg, Not in Fail Count</i>	0.10	0.10	CR
ECE	207	Signals and Systems	0.50	0.50	76
ECE	224	Embedded Microprocessor Systems	0.50	0.50	97
ECE	242	Electronic Circuits 2	0.50	0.50	94
ECE	254	Operating Systems and Systems Programming	0.50	0.50	91
PSYCH	101	Introductory Psychology	0.50	0.50	87
WKRPT	201	Work-term Report <i>Degree Requirement, Not in Avg, Not in Fail Count</i>	0.13	0.13	75
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		89.00 Term Totals	2.73	2.73	
Cumulative GPA		87.33 Cumulative Totals	10.75	12.98	
Academic Standing: Excellent standing Effective 01/18/2019					
Term Honours: Term Dean's Honours List					

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Winter 2019

Program: Computer Engineering, Honours, Co-operative Program
Level: 2B Load: Part-Time Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	4	Co-operative Work Term	0.50	0.00	CR
PD	3	Communication	0.50	0.50	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		0.00 Term Totals	1.00	0.50	
Cumulative GPA		87.33 Cumulative Totals	10.75	13.48	

Spring 2019

Program: Computer Engineering, Honours, Co-operative Program
Level: 3A Load: Full-Time Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CHINA	102R	First-Year Chinese 2	0.50	0.50	96
ECE	300A	Electrical and Computer Engineering Practice <i>Degree Requirement, Not in Avg, Not in Fail Count</i>	0.10	0.10	CR
ECE	316	Probability Theory and Statistics	0.50	0.50	90
ECE	327	Digital Hardware Systems	0.50	0.50	90
ECE	351	Compilers	0.50	0.50	96
ECE	380	Analog Control Systems	0.50	0.50	93
WKRPT	301	Work-term Report <i>Degree Requirement, Not in Avg, Not in Fail Count</i>	0.13	0.13	95
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		93.00 Term Totals	2.73	2.73	
Cumulative GPA		88.40 Cumulative Totals	13.25	16.21	
Academic Standing:	Excellent standing Effective 09/18/2019				
Term Honours:	Term Dean's Honours List				

Fall 2019

Program: Computer Engineering, Honours, Co-operative Program
Level: 3A Load: Part-Time Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	5	Co-operative Work Term	0.50	0.00	CR
PD	5	Project Management	0.50	0.50	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		0.00 Term Totals	1.00	0.50	
Cumulative GPA		88.40 Cumulative Totals	13.25	16.71	

Winter 2020

Program: Computer Engineering, Honours, Co-operative Program
Level: 3B Load: Full-Time Form Of Study: Enrolment

COVID-19 impacted assessment methods and performance in many courses this term.

Course		Description	Attempted	Earned	Grade
CHINA	201R	Second-Year Chinese 1 <i>Not Required, Not in Average</i>	0.50	0.50	91
ECE	300B	Electrical and Computer Engineering Practice <i>Degree Requirement, Not in Avg, Not in Fail Count</i>	0.10	0.10	CR
ECE	318	Communication Systems 1	0.50	0.50	92
ECE	356	Database Systems	0.50	0.50	95
ECE	358	Computer Networks	0.50	0.50	96
ECE	390	Engineering Design, Economics, and Impact on Society	0.50	0.50	91
ECON	101	Introduction to Microeconomics	0.50	0.50	99
WKRPT	401	Work-term Report <i>Degree Requirement, Not in Avg, Not in Fail Count</i>	0.13	0.13	95
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		94.60 Term Totals	3.23	3.23	
Cumulative GPA		89.38 Cumulative Totals	15.75	19.94	
Academic Standing:	Excellent standing Effective 05/27/2020				
Term Honours:	Term Dean's Honours List				

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Spring 2020

Program: Computer Engineering, Honours, Co-operative Program
 Level: 4A Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ECE	209	Electronic and Electrical Properties of Materials <i>Degree Requirement, Not in Average</i>	0.50	0.50	90
ECE	400A	Electrical and Computer Engineering Practice <i>Degree Requirement, Not in Avg, Not in Fail Count</i>	0.10	0.10	CR
ECE	454	Distributed Computing	0.50	0.50	92
ECE	455	Embedded Software	0.50	0.50	87
ECE	457A	Cooperative and Adaptive Algorithms	0.50	0.50	95
ECE	493	Special Topics in Electrical and Computer Engineering	0.50	0.50	93
Course Topic:		Prob. Reason & Reinforce Learn			
ECE	498A	Engineering Design Project	0.50	0.50	87
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		90.80 Term Totals	3.10	3.10	
Cumulative GPA		89.58 Cumulative Totals	18.25	23.04	
Academic Standing: Excellent standing Effective 09/15/2020					

Fall 2020

Program: Computer Engineering, Honours, Co-operative Program
 Level: 4A Load: Part-Time Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	6	Co-operative Work Term	0.50	0.00	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		0.00 Term Totals	0.50	0.00	
Cumulative GPA		89.58 Cumulative Totals	18.25	23.04	

Winter 2021

Program: Computer Engineering, Honours, Co-operative Program
 Artificial Intelligence Option
 Level: 4B Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CHINA	202R	Second-Year Chinese 2 <i>Not Required, Not in Average</i>	0.50	0.50	80
CS	484	Computational Vision <i>Degree Requirement, Not in Average</i>	0.50	0.50	91
ECE	400B	Electrical and Computer Engineering Practice <i>Degree Requirement, Not in Avg, Not in Fail Count</i>	0.10	0.10	CR
ECE	405	Introduction to Quantum Mechanics	0.50	0.50	96
ECE	457B	Fundamentals of Computational Intelligence	0.50	0.50	96
ECE	459	Programming for Performance	0.50	0.50	100
ECE	498B	Engineering Design Project	0.50	0.50	90
MSCI	442	Impact of Information Systems on Organizations and Society	0.50	0.50	94
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		95.20 Term Totals	3.60	3.60	
Cumulative GPA		90.25 Cumulative Totals	20.75	26.64	
Academic Standing: Excellent Standing Effective 05/19/2021					
Term Honours: Term Dean's Honours List					

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<u>Date Completed</u>	<u>Description</u>	<u>Milestones</u>	<u>Status</u>
09/08/2016	Workplace Hazardous Materials		Completed
12/02/2016	English Proficiency		Completed
04/30/2017	Work Report 1		Completed
04/30/2017	Work Term 1		Completed
12/30/2017	Work Term 2		Completed
08/30/2018	Work Term 3		Completed
12/30/2018	Technical Presentation		Completed
12/30/2018	Work Report 2		Completed
04/30/2019	Work Term 4		Completed
08/31/2019	Work Report 3		Completed
12/31/2019	Work Term 5		Completed
04/30/2020	Work Report 4		Completed
12/31/2020	Work Term 6		Completed

Scholarships and Awards

2017 University of Waterloo President's Scholarship of Distinction
2020 President's International Experience Award

End of Undergraduate Unofficial Transcript